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DATE MAILED: 09/21/2004

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/718,028 11/21/2003 Sang Ho Park 9988.078.00-US 7158 30827 **EXAMINER** 7590 09/21/2004 MCKENNA LONG & ALDRIDGE LLP O MALLEY, KATHRYN S 1900 K STREET, NW PAPER NUMBER WASHINGTON, DC 20006 ART UNIT 3749

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Applicant(s) PARK, SANG HO			
Examiner Rathryn S. O'Mailey 3749		Application No.	Applicant(s)
Rathryn S. O'Malley 3749		10/718,028	PARK, SANG HO
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1)⊠ Responsive to communication(s) filed on 17 May 2004. 2a)□ This action is FINAL. 2b)⊠ This action is non-final. 3]□ Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4)☑ Claim(s) 1-7 is/are pending in the application. 4a) Of the above claim(s) is/are allowed. 5]□ Claim(s) is/are allowed. 6]□ Claim(s) 1-7 is/are rejected. 7]□ Claim(s) is/are objected to. 8]□ Claim(s) is/are objected to. 8]□ Claim(s) is/are objected to by the Examiner. 10]☑ The specification is objected to by the Examiner. 10]☑ The drawing(s) filed on 27 November 2003 is/are: a)☑ accepted or b)□ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11)□ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTC-152. Priority under 35 U.S.C. § 119 12)☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a)☑ All b)□ Some * c)□ None of: 1.☑ Certified copies of the priority documents have been received in Application No 3.□ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(e) 1)☑ Notice of Prafisperson's Patent Drawing Review (PTO-948) 5]□ Notice of Informal Patent Application (PTC-152)	THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1. after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a repless of the period for reply specified above, the maximum statutory period. Failure to reply within the set or extended period for reply will, by statut Any reply received by the Office later than three months after the mailing.	136(a). In no event, however, may a reply be tir bly within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from e, cause the application to become ABANDONE	mely filed /s will be considered timely. It the mailing date of this communication. ED (35 U.S.C. § 133).
2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-Z is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-Z is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 21 November 2003 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(e) 1) Notice of References Cited (PTO-892) 30 Notice of Draftsperson's Patent Drawing Review (PTO-948) 31 Notice of Draftsperson's Patent Drawing Review (PTO-948) 31 Notice of Draftsperson's Patent Drawing Review (PTO-948) 32 Notice of Draftsperson's Patent Drawing Review (PTO-948) 33 Notice of Draftsperson's Patent Drawing Review (PTO-948) 34 Notice of Draftsperson's Patent Drawing Review (PTO-948) 35 Notice of Draftsperson's Patent Drawin	Status		
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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1 and 4-7 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent 6,079,121 to Khadikikar et al.
- 3. Khadkikar et al. teaches a laundry drier and method of its control comprising heating element 14 and moisture sensors 10. The heater is driven for a specified period of time, a voltage value corresponding to the moisture level is determined and stored along with a memory voltage value, the heater is driven for another period of time, a voltage value corresponding to the second moisture level is determined and compared to the reference value and the first value, and the heater is controlled and the reference value is reset according to the first and second sensed moisture values. Note, in particular, steps 114-134 as described in column 8, line 29- column 9, line 3.

Claim Rejections - 35 USC § 103

- 4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

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5. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Khadkikar et al. as applied to claim 1 above, and further in view of US Patent 6,751,888 to Lueckenback.

- 6. Khadkikar et al. does not teach using EEPROM memory. Lueckenback teaches a similar control device for a clothes dryer comprising EEPROM memory. As Lueckenback teaches that EEPROM memory is a well know memory option in the art of clothes dryer controls, it would have been obvious to one of ordinary skill in the art to use EEPROM memory to perform the memory functions taught by Khadkikar et al.
- 7. Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Khadkikar et al. as applied to claim 1 above, and further in view of US Patent 5,172,490 to Tatsumi et al.
- 8. Khadkikar et al. does not explicitly teach an electrode-type humidity sensor. Khadkikar et al. does, however, teach that the humidity sensor can be any type of sensor currently used in the art. (Note column 4, lines 18-29.) As Tatsumi et al. teaches that electrode-type humidity sensors are well known in the art of heating controls, it would have been obvious to one of ordinary skill in the art to use the electrode-type sensors taught by Tatsumi et al. in the drying apparatus taught by Khadkikar et al.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Cardoso, Holst et al., Huffington, and Bashark teach similar drying control methods and apparatus.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kathryn S. O'Malley whose telephone number is (703)308-2844. The examiner can normally be reached on M-F (8:30-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ira Lazarus can be reached on (703)308-1935. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KSO

Supervisory Placent Exam.

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